

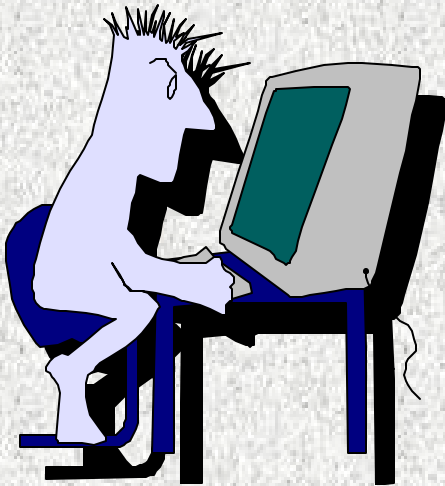
What does FM Mean?

*Are we only looking at a
partial enterprise wide
solution ??*

The Challenge we face

DECISION MAKERS

USERS



Information systems don't reflect the real work environment or provide the right information



Business information is not integrated and has little decision support capability or credibility

DEVELOPERS



- Problems understanding the Complex Business being supported
- Clouded big picture (vision) and approach

The Complex Business we support

Real Property Management and reporting
is driven by the **53** legal provisions and
statutory requirements:

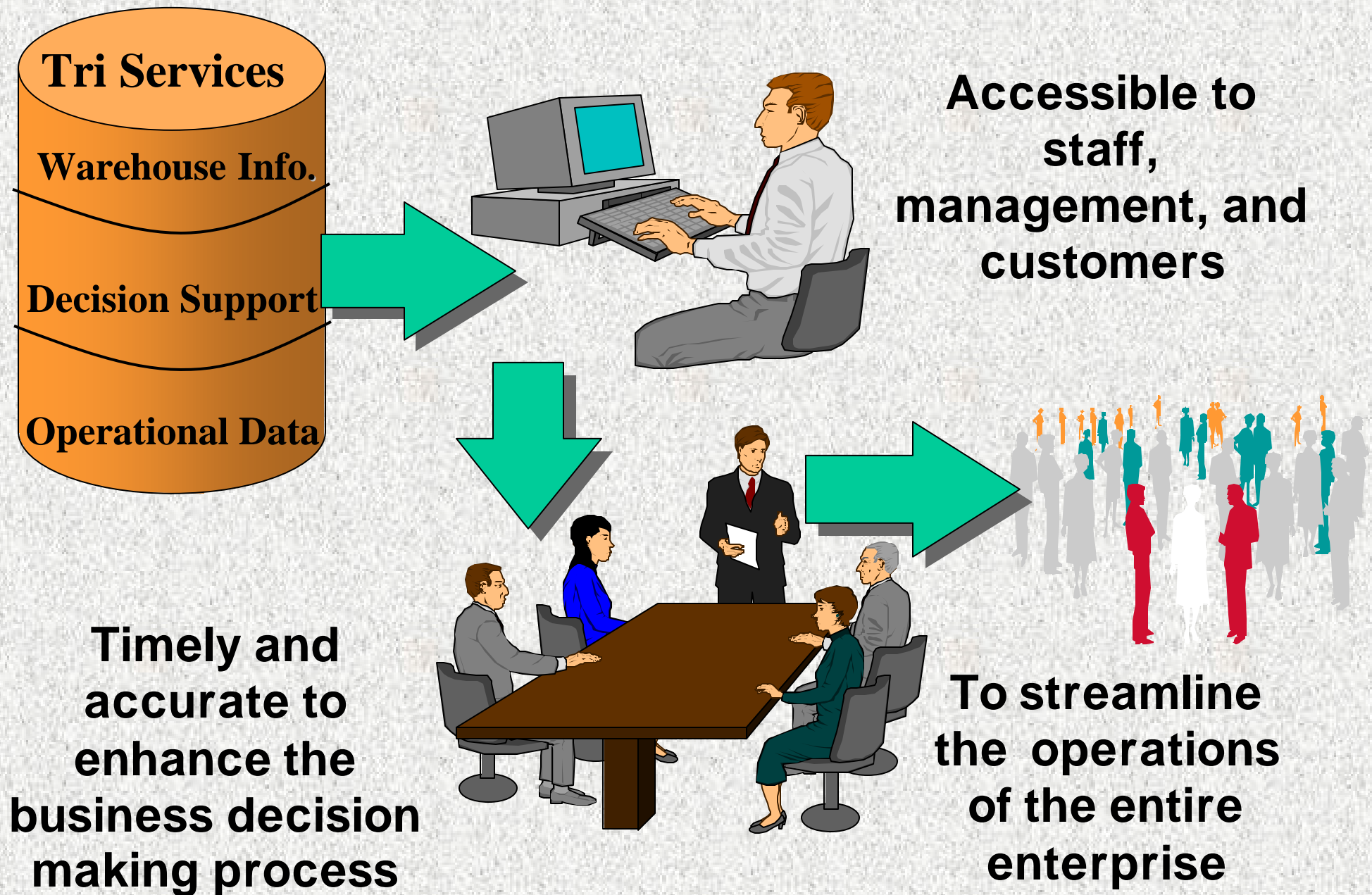
26 - United State Codes

18 - Executive Orders

09 - Acts brought
into law



Are we after the Return on Investment?



Then we Need a Business Model !

Is it the 26 Entity Sets of TSSDS and
TSFMS with a conversion on AEC
CADD?

Or Something else?

Navy Installation Management Accounting Project

Core Business	Airfield Support	Seaport Support	Other Mission Support	Community Support (QOL)		Facilities Management		Public Safety	Command Support
Function	Air Operations	Port Services	Misc Support	MWR	Child Dev Prog	Utilities	PW Management	Force Protection	Command
Sub Function	Airfield-Logistics AT Control Aviation Fuel Support Ground-Electronics T-Line/Airfield Facilities	Berthing & Hotel Services Port Logistics Port Operations Center Tugs & Craft	Cemeteries Military Banking Facility Mobilization Museums Health Care Support Retail Service Support Commissary Support	Mgt Support Cat A Activities Cat B Activities Cat C Activities	Center Care In-Home Care	Cable TV Chiller Plant Electric Gas Other Pneumatic Power Pure Water Sewage Steam Water	Mgt & Admin Installation Plans-and Engineering Real Estate Mgt	Disaster-Preparedness Guard/Security/Traffic Law enforcement/Crime prevention	CO/XO/Admin Chaplain Svcs G&A Legal MILPERS Mgt Postal Ops Public Affairs
	Other Air OPS	Other Port Operations		Shelter/ Subsistence	Family Housing Support	Facility Maint	Transportation	Fire and Safety	Resource Management
	Auxiliary Airfield-Support Cargo Handling Crash &-Rescue Passenger-Terminal Ops Weapons	Degaussing Sea Air-Rescue Spill Response Weapons		Bachelor Quarters Contract Berthing Galley	Management &-Operations Maintenance Minor Construction-& Major Repairs Police & Fire-Protection	CBU/1st LT/ Self-Help Dredging Emergency/Service Maintenance Minor Construction Preventive Maint	Mgt/Admin Railroads Cranes Vehicles GSE/MHE Construction Other	EM Response Fire Protection/HAZMAT Centrally Mgt Safety Prog/ NAVOSH	CIVPERS Mgt CIVPERS PCS Financial Mgt Intra Station-Moves
				MILPERS Services	Family Service Center	Building Services	Environmental		Supply
				Ceremonial Guard ESO/Campus Pay & Personnel Support Restricted Barracks	Counseling Services Family-Advocacy Program Education/RAMP/TAMP	Janitorial Pest Control Refuse Collection /Recycling	Clean-up Compliance Conservation Pollution Prevention		Inventory Control Mgt & Procurement POL Mgt SERVMART Warehousing
						Grounds Maint			Info Services
				Health Care and Retail Services are generally not funded by the installation. Any support provided is included under "Other Mission Support."		Grounds Maint & Landscaping Street Sweeping & Snow Removal			ADP Audio/Visual /Printing Base Comms

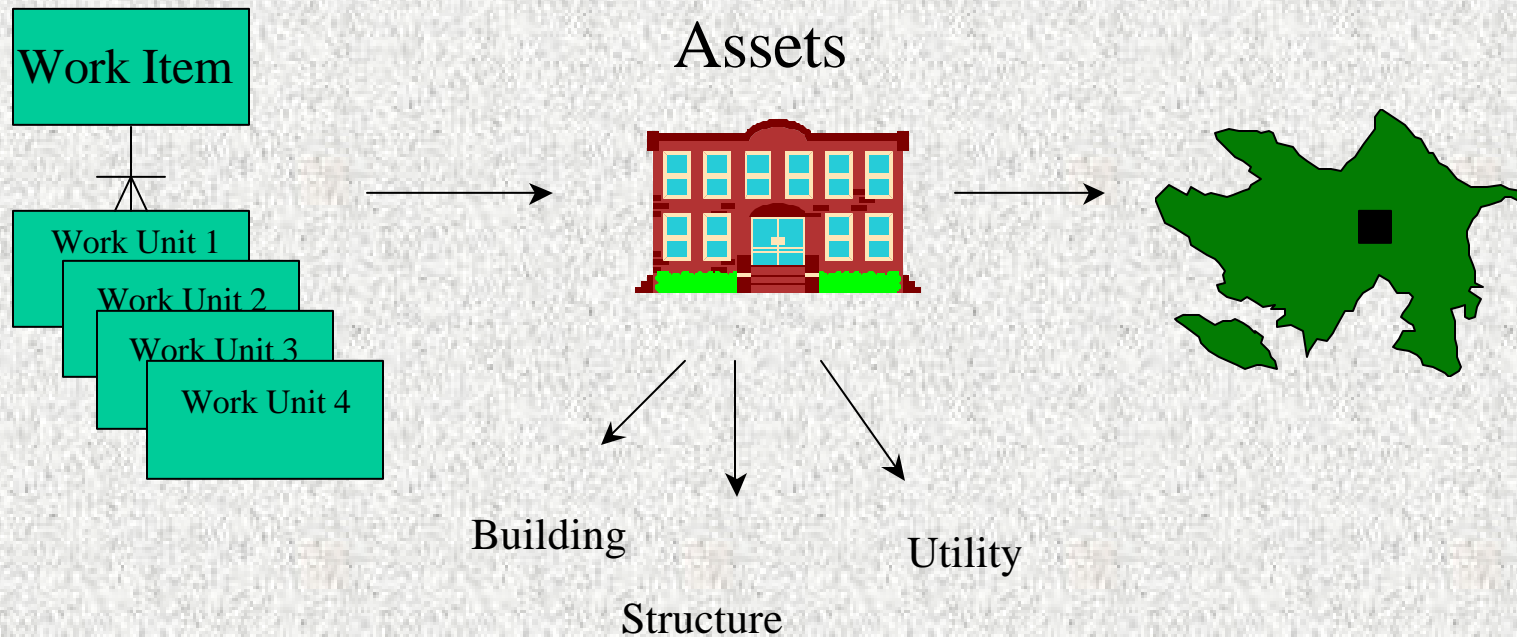
Navy Business Perspective (Shore Station Management)

- IMAP model includes:
 - 7 Core Businesses -- i.e. Facilities Management, Public Safety...
 - 24 Functions within Core Businesses
i.e Core Business: Facilities Management
Functions: Utilities, Facility Maintenance
 - 105 Sub Functions within Functions
i.e Function: Facility Maintenance
Subfunctions: Service Mtn, Minor Const.

IMAP Model Definitions

- **Core Business Area** -- An aggregation of related functions into a major area that produces the principal products and services directly supporting the command's mission.
- **Function** -- A major process grouping made up of subfunction components. A function produces a related set of products and services.
- **Subfunction** -- A grouping of activities into a process that produces products or performs services. A subfunction is related to ONLY ONE business area and function.
- **Activity** -- The actual work item consisting of discrete tasks performed in producing and delivering products and services.

What are we all trying to Manage?



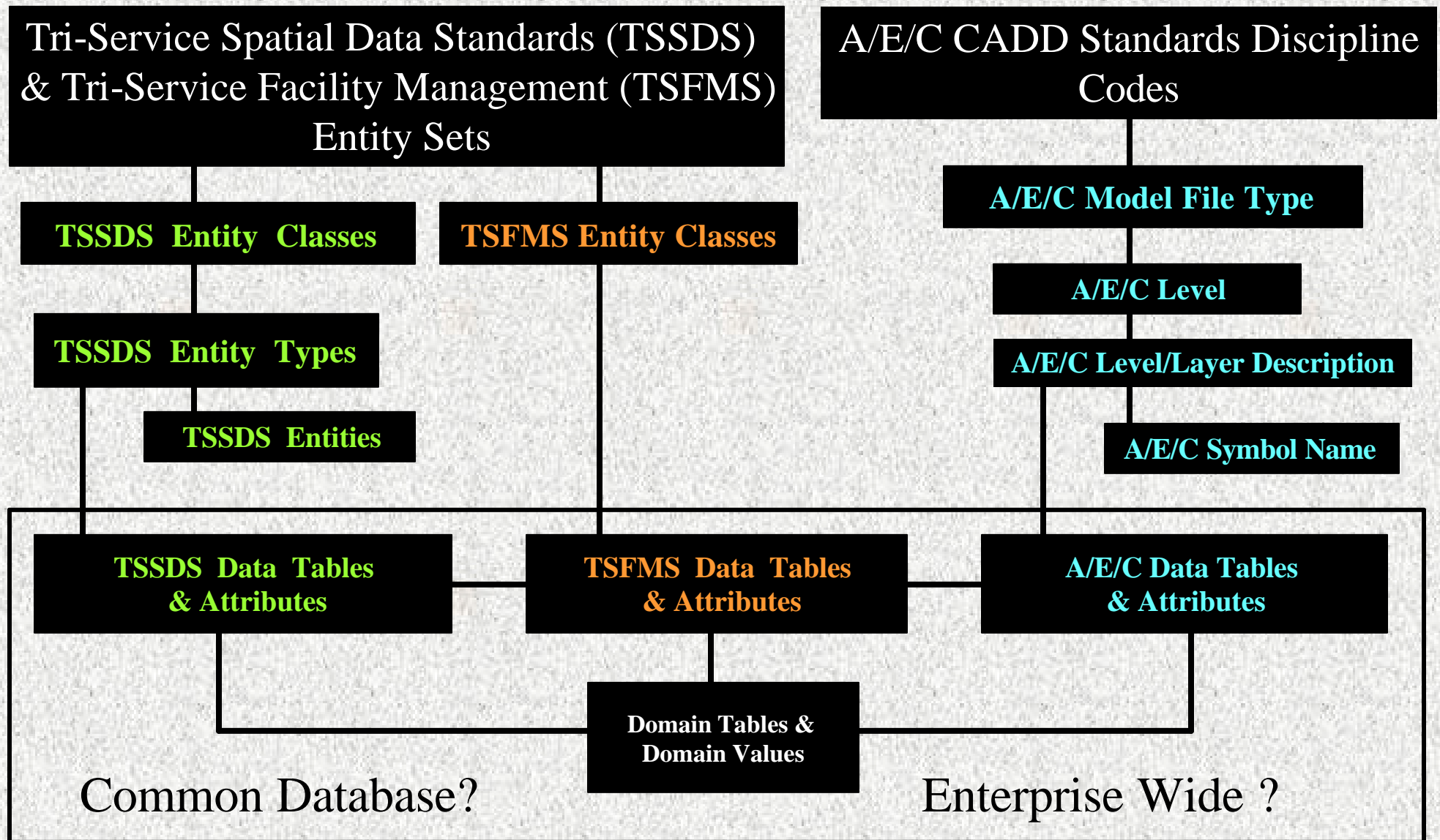
Should it be process driven to align the cost of doing business ?

Is this our Purpose ?

- **DOD wide approach to Installation Management**
 - Then we need a published Structured Business Model
- **Improve managerial Decision Making**
 - It should be process driven Information
- **Accurate consistent Cost Tracking**
 - Apples to Apples Comparisons
- **Meaningful comparison to Past Performance**
 - Metrics based on Readiness or Effectiveness
- **More efficient use of Resources**
 - Maximize use of limited dollars wisely

Can our current approach
support this effort ?

Proposed Tri-Service CADD/GIS/FM Standards Development Model





We need to Think Integration!

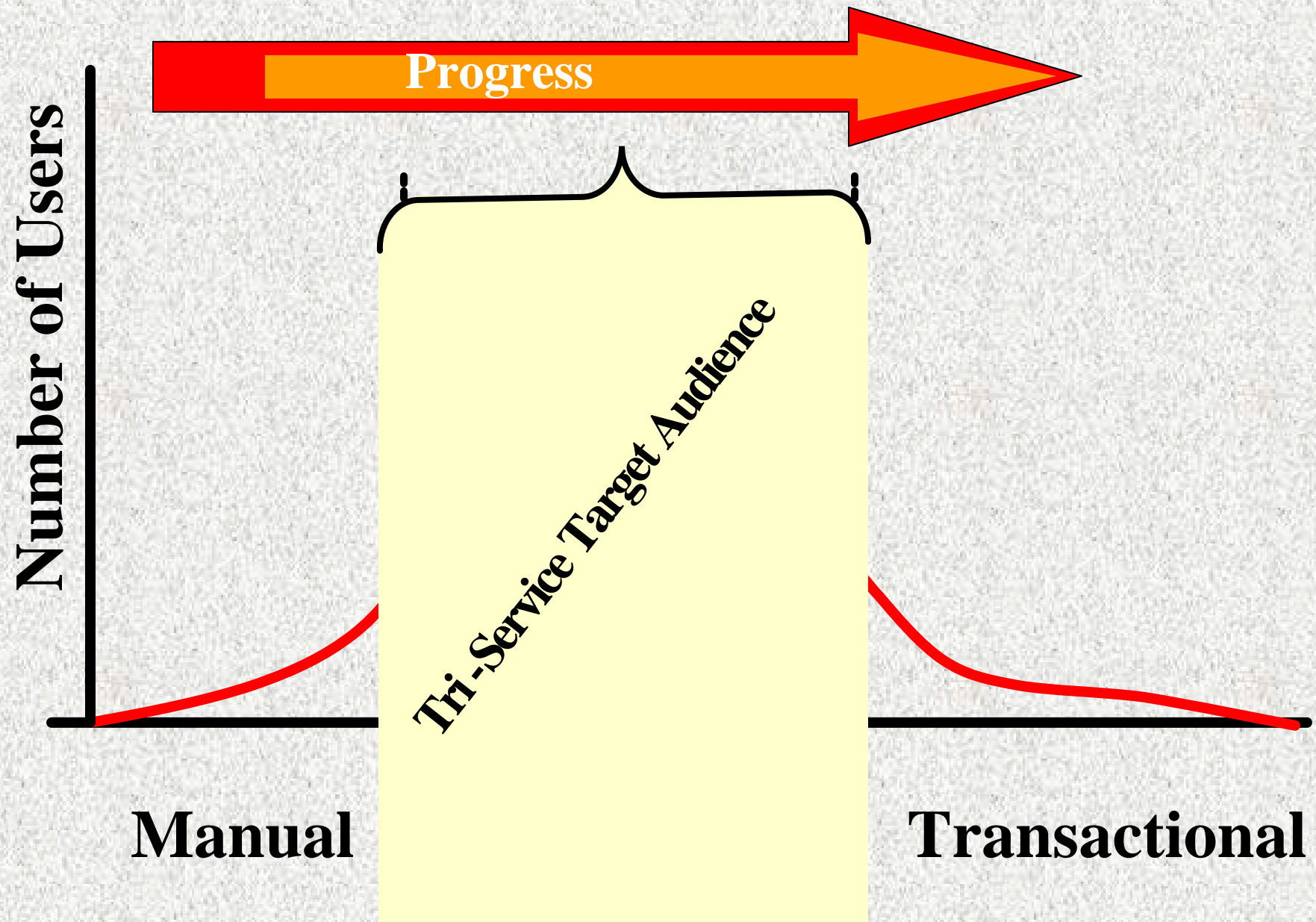


Next questions ?

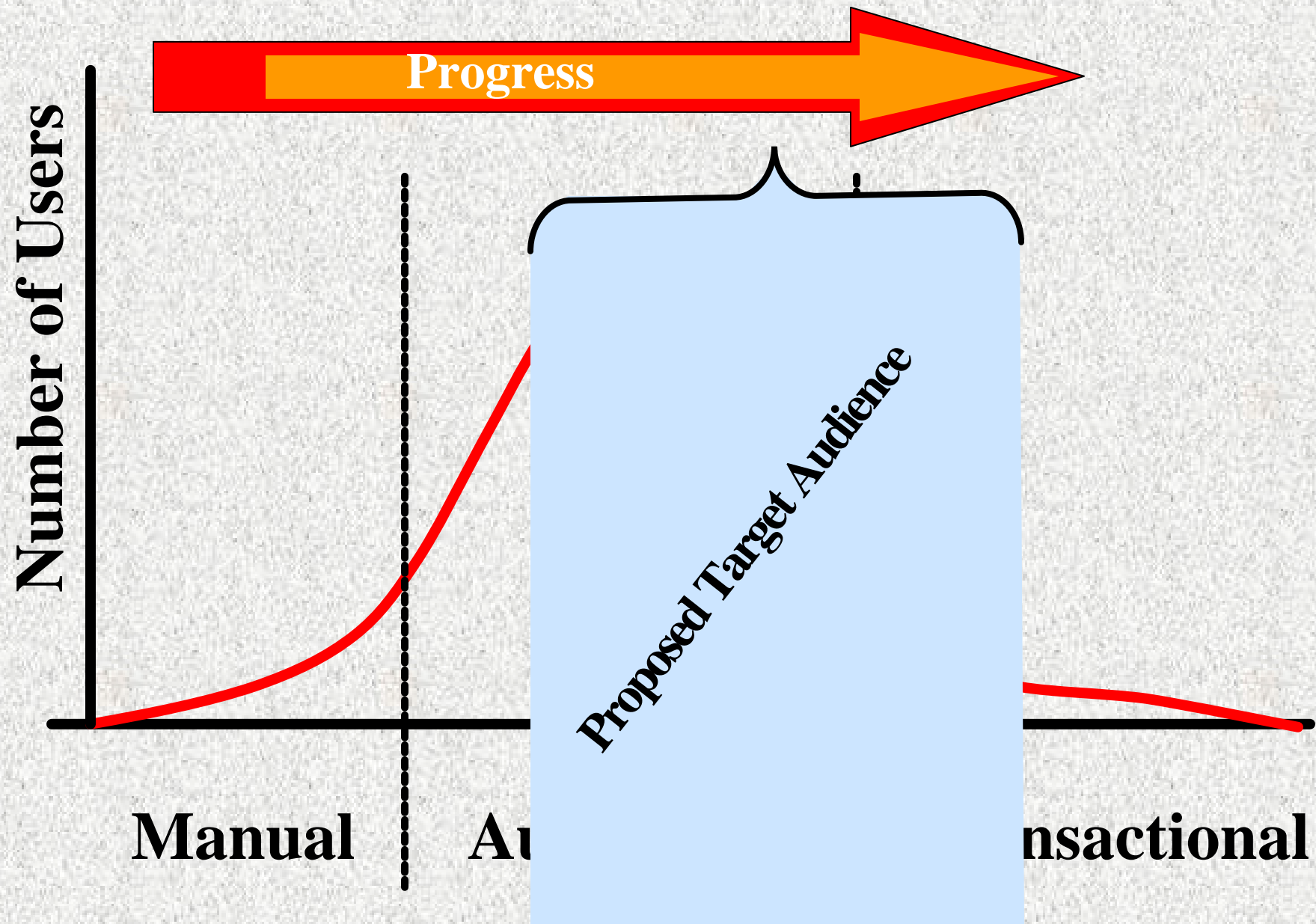
Where do DOD users lie on the
path of Integrated Information
evolution?

Where do we want to be?

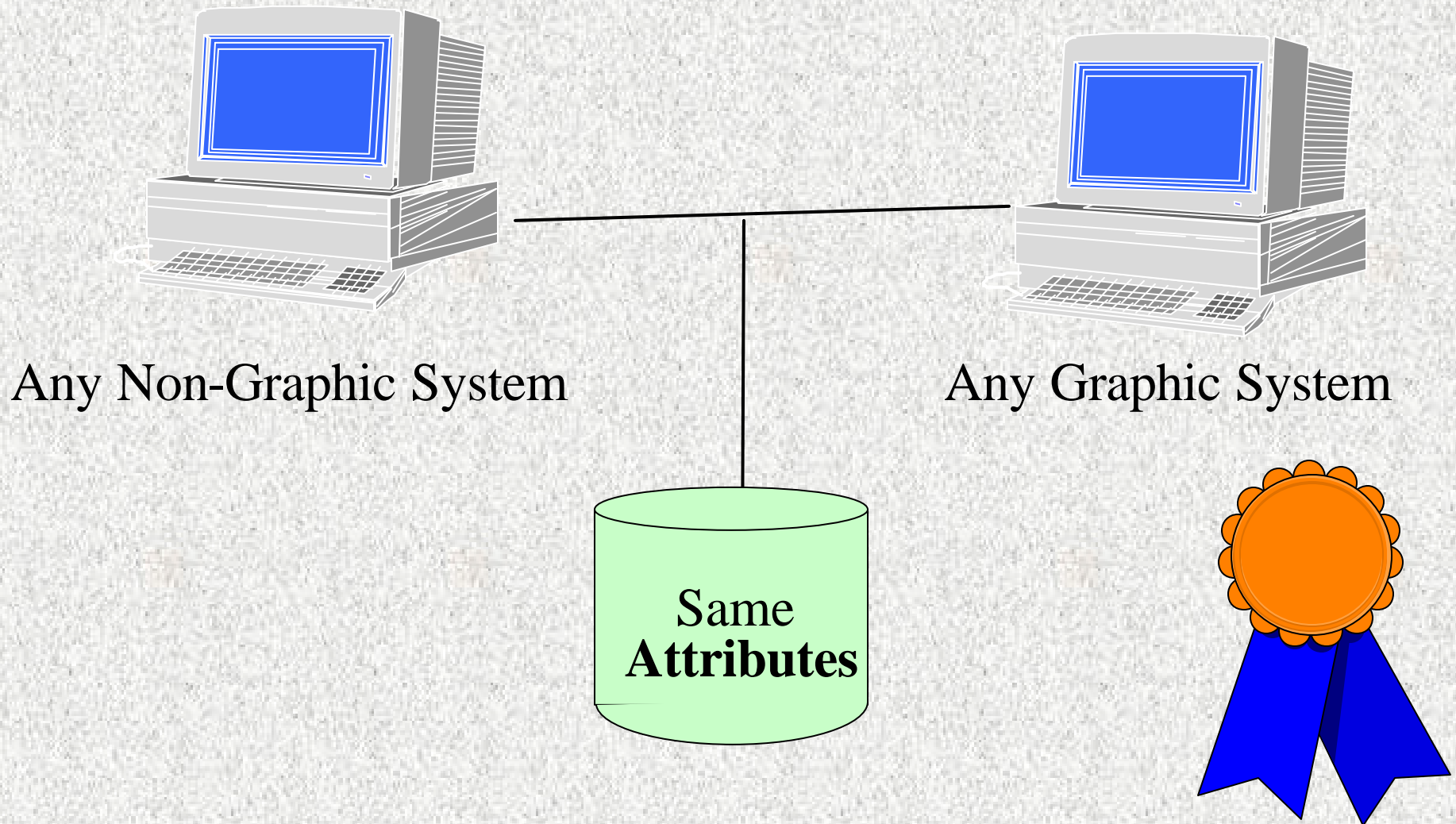
User Population vs. Operating Environment



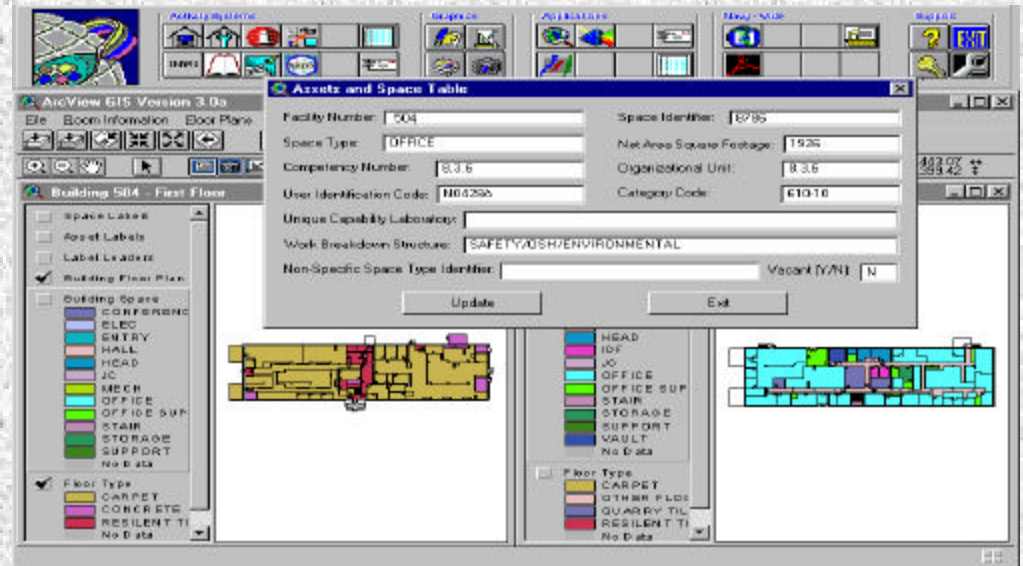
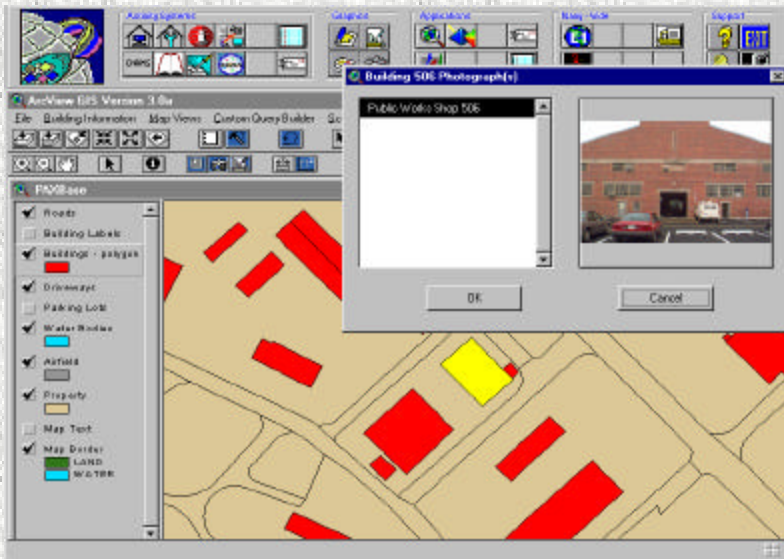
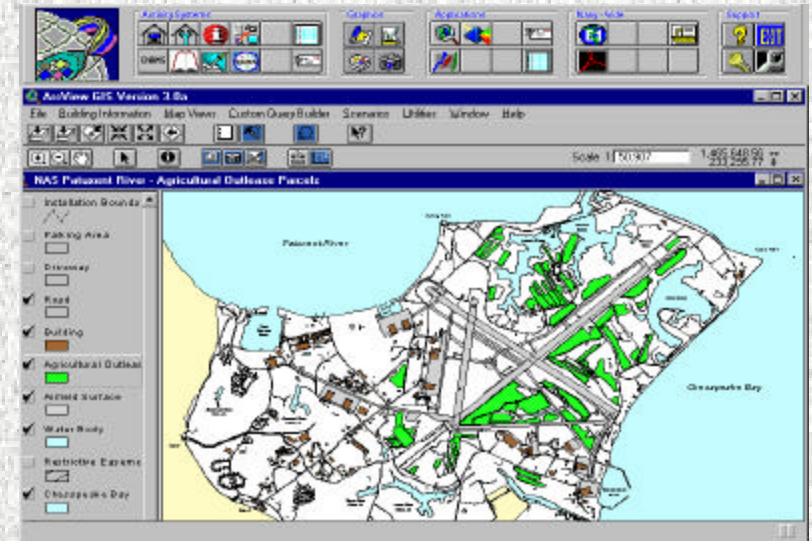
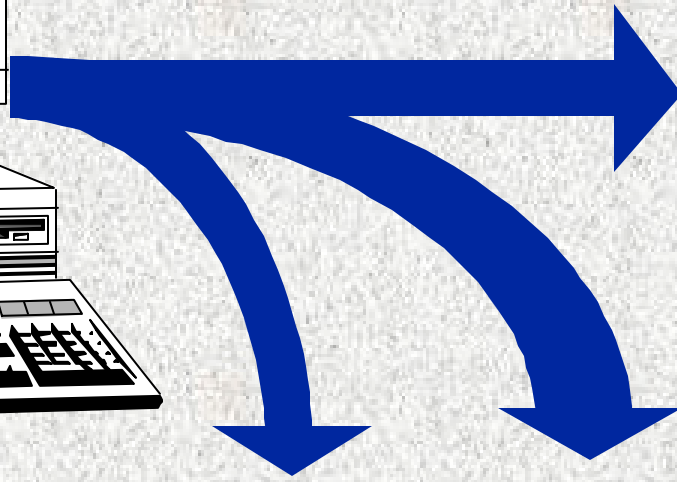
User Population vs. Operating Environment



Should this be our Target Architecture



Desktop Integrated Information



Providing Credible Decision Support

Let's Recap

- Why Should we be moving toward an enterprise wide transactional solution?



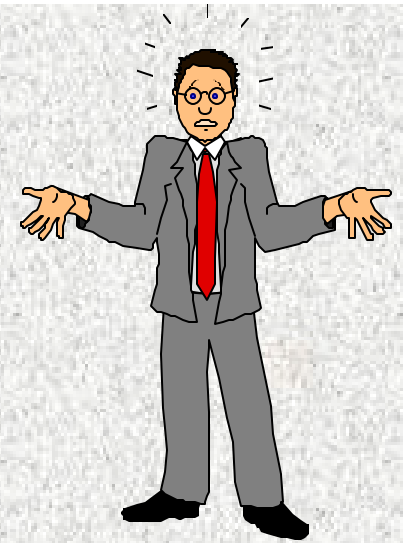
Typical non integrated Characteristics

- Too expensive to maintain
- Seldom is it up to date
- Unreliable as a decision tool
- Unable to provide Spatial and graphical analysis functions to the rest of the Enterprise

Enterprise Integrated Characteristics

- Attribute updates are automatic
- Data integrity is systematic and quantifiable
- Spatial analysis functions are available to non-GIS applications
- GIS and CADD along with other data provides analysis to the decision-maker

What is Next?



- How do we resolve this dilemma?

Do we:

- Fix the limitations in the Tri-service model and let technology catch up?
- Let the model serve current technology and write custom applications to bridge the gap between GIS/CADD and a transactional data model?
- Build an interim model with hooks that we can connect to the transactional model?

Based on Our Current Proposed Approach

Installations are now, or will soon be torn between:

- Tri-Service Standard compliance,
 - based on-
 - COTS Application constraints,
 - OR -
- Satisfying the Business Requirements

What do we need to do?

- Refocus the FM Task Group effort
- Decide on what Model or combination to use
- Set priorities based on Corporate knowledge
- Use the Balance Score card approach
- Look for the migration path on needed platforms to support our efforts

FM Task Group 2 Years old

- It has set Priorities for FM ?
- Is that really all we want ?
- Time to refocus on more discrete task
- FTAG and EWG responsibility

Business Process or Data Model?

- Technology driven?
- Process driven?
- Need to set a Migration Strategy?
- It is a FTAG and EWG responsibility

Recommendations

- FM needs a Business definition (FTAG/EWG)
- Look at the Field Working Group Structure
- Define specific task groups for each business area as recommended by the SOTG
- Use the corporate knowledge of the Center Staff, FWG, FTAG and EWG
- Hire experts if that is what it takes